

**RECORDING/PRODUCING SEPARATED
TYPE MAGNETIC HEAD**

ABSTRACT OF THE DISCLOSURE

A protrusion 24 having a width L_{pfw} equal to or somewhat larger than a track width T_w and protruding to the air bearing surface is provided on a lower magnetic pole 5 or lower magnetic pole front end layer 19. The lower magnetic pole 5 or the lower magnetic pole front end layer 19 other than the protrusion is retracted by L_{pfd} from the air bearing surface 15. With the constitution, since the upper end surface 23 of the lower magnetic pole 5 or the lower magnetic pole to end layer 19 that generates the leakage magnetic fields in the off-track portions is not exposed to the air bearing surface 15, the leakage magnetic fields H_{xz} in the off-track portions can be decreased greatly.

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